

# APPENDIX

Document Number or Title	Explanation of Relevance
JP 2002-56868 A	An ejector includes a diffuser, a nozzle, a needle, and needle moving means for causing the needle to advance and retreat axially. The needle moving means comprises a step motor. The needle includes a tip end portion, a first tapered portion, and a second tapered portion. The tip end portion and the first tapered portion face the nozzle, and the second tapered portion faces the diffuser. When the needle is moved axially, the first opening area of the gap between the first tapered portion and the nozzle and the second opening area of the gap between the second tapered portion and the diffuser change at the same time. As a result, the flow ratio between new hydrogen gas and hydrogen off-gas can change continuously.
JP 2002-56869 A	An ejector includes a first nozzle, a second nozzle, and a diffuser. The first nozzle is inserted into the second nozzle, and can be axially moved by a moving means which comprises a step motor. When the first nozzle is moved axially, the opening area of the gap between the first nozzle and the second nozzle changes. As a result, the flow rate to the diffuser changes, thereby the flow rate to a fuel cell changes. Meanwhile, the first nozzle only can eject the fluid to the diffuser.
JP 2002-56870 A	A fuel supply device includes a first ejector, a second ejector, and a selector valve. The first and second ejectors have first and second nozzles, first and second diffusers, and first and second passages. The first nozzle is connected to the first diffuser and the first passage, while the second nozzle is connected to the second diffuser and the second passage. The selector valve can switch to any one of the first passage and the second passage to allow fluid to be supplied to it, and thereby the flow rate to a fuel cell changes.